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¹Unique citation designation number. ²See attached Kinds of U.S. Patent Documents. ³Enter Office that issued the document, by the two-letter code. ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language translation is attached. AB indicates that only an English language abstract is attached.

Complete if Known Application Number 09/632,624 DISCLOSURE August 4, 2000 Filing Date STATEMENT BY APPLICANT COLVIN, Jr. First Named Inventor 1743 **Group Art Unit Examiner Name** Unassigned 3 2232-133 Sheet 2 of Attorney Docket Number OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the Examiner Cite item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), Тe Initials* No. publisher, city and/or country where published APPLETON, B. et al., "Detection of Total Sugar Concentration Using Photoinduced Electron Transfer Materials: Development of Operationally Stable, Reusable Optical Errors", Sensors and Actuators, MC 2000, pp. 302-304 AOKI, T. et al., "Effect of Phenylboronic Acid Groups in Copolymers on Endothelial Cell Differentiation into Capillary Structures", J. Biomater. Sci. Polymer Edn, 1997, Vol 9., No. 1, pp. 1-14 BURGEMEISTER, T., et al., "Fast Thermal Breaking and Formation of a B-N Bond in 2-(Aminomethyl)benzeneboronates," Chem. Ber., 1981, Vol. 114, pp. 3403-3411 HISAMITSU, I. et al., "Glucose-Responsive Gel from Phenylborate Polymer and Poly(Vinyl Alcohol): Prompt Response at Physiological pH Through the Interaction of Borate with Amino Group in the Gel", Pharmaceutical Research, 1997, Vol. 14, No. 3, pp. 289-293 KATAOKA, K. et al., "Novel Sensing System for Glucose Based on the Complex Formation Between Phenylborate and Fluorescent Diol Compounds", J. Biochem., 1995, Vol. 117, pp. 1145-1147 KATAOKA, K. et al., "Totally Synthetic Polymer Gels Responding to External Glucose Concentration: Their Preparation and Application to On-Off Regulation of Insulin Release", J. Am. Chem. Soc., 1998, Vol. 120, pp. 12694-12695 KITANO, S., et al., "Glucose-Responsive Complex Formation Between Poly(vinyl alcohol) and Poly(Nvinyl-2-pyrrolidone) with Pendent Phenylboronic Acid Moieties", Makromol. Chem. Rapid Commun., 1991, Vol. 12, pp. 227-233 KIKUCHI, A., et al., "Glucose-Sensing Electrode Coated with Polymer Complex Gel Containing Phenylboronic Acid", Anal. Chem., 1996, Vol. 68, pp. 823-828 PETERSON, J. et al., "Fiber Optic pH Probe for Physiological Use", Anal. Chem., 1980, Vol. 52, pp. 864-869 SANDANAYAKE, K., et al., "Two Dimensional Photoinduced Electron Transfer (PET) Fluorescence Sensor for Saccharides", Chemistry Letters, 1995, pp. 503-504 SHINO, D., et al., "Amine Effect on Phenylboronic Acid Complex with Glucose Under Physiological pH in Aqueous Solution", J. Biomater. Sci. Polymer Edn., 1996, Vol. 7, No. 8, pp. 697-705 SOUNDARARAJAN, S., et al., "Boronic Acids for Affinity Chromatography: Spectral Methods for Determinations of Ionization and Diol-Binding Constants", Anal. Bio., 1989, Vol 178., pp. 125-134 VO-DINH, T., et al., "Gel-Based Indo-1 Probe for Monitoring Calcium(II) Ions", Anal. Chem., 1994, Vol. 66, pp. 813-817

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